



**Re: BASF Cranston - Sediment Sample Collection in Pawtuxet River**

**Frank Battaglia** to: Lynch, Joanne

07/08/2011 12:23 PM

Cc: "Bleiler, John", Joseph Guarnaccia, "McCarthy, Ryan"

Joe/Joanne, EPA approves the Pawtuxet River sediment sample collection as described in this e-mail.

Let me know if there is a change in the sampling schedule since I or a RIDEM representative may want to be present during sampling. Thanks.

Frank Battaglia  
617 918-1362

"Lynch, Joanne"

Frank, As we discussed on the phone earlier tod...

07/07/2011 04:57:39 PM

From: "Lynch, Joanne" <Joanne.Lynch@aecom.com>  
To: Frank Battaglia/R1/USEPA/US@EPA  
Cc: Joseph Guarnaccia <joseph.guarnaccia@basf.com>, "McCarthy, Ryan" <Ryan.McCarthy@aecom.com>, "Bleiler, John" <John.Bleiler@aecom.com>  
Date: 07/07/2011 04:57 PM  
Subject: BASF Cranston - Sediment Sample Collection in Pawtuxet River

Frank,

As we discussed on the phone earlier today, BASF is planning to complete additional sediment sampling and analysis for total PCBs in the Pawtuxet River, adjacent to the former Production Area. The attached Figure 1 presents the proposed sediment sample locations. The goal of this work is to determine if PCB levels at SD-TUF7C and SD-TUF2C are consistent with 1994 data and, if necessary, to provide sediment quality data surrounding those locations that would serve as pre-characterization data for a potential focused removal action.

The historic sediment core locations of SD-TUF7C and SD-TUF2C will be re-sampled and 3 sediment samples will be submitted for total PCB analysis by EPA Method 8082 from each location (0-6", 6-12", 1-2'). Four cores surrounding each of those locations will be collected and samples will be submitted for total PCB analysis. A total of 30 samples will be collected and submitted from 10 locations at three depth intervals (0-6" 6-12", 1-2'), shown on the attached figure as solid blue dots.

An additional 30 samples will be collected from 10 locations at three depth intervals (0-6", 6-12", 1-2') surrounding the samples described above (represented on the attached figure as open green circles) and submitted to the laboratory. The laboratory will freeze the samples upon receipt. These samples will be analyzed for total PCBs by EPA Method 8082 if the results from adjacent, inner samples are >1 ppm total PCBs.

Sampling methods and procedures will follow those described for sampling sediment location SD-02R in the Sand Cap and Sediment Quality Investigation Work Plan submitted by AECOM to EPA on October 21, 2010 and approved via email October 29, 2010. Please note that only total PCB analysis by EPA Method 8082 is proposed. The work is scheduled for Wed (7/12) and Thurs (7/13).

Thank you for your attention to these activities and please do not hesitate to contact me if you have any questions.

Regards,  
Joanne Lynch



SEMS DocID

643688

**PLEASE NOTE MY NEW OFFICE CONTACT INFORMATION:**

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[attachment "Figure 1 Proposed Sediment Sample Locations.PDF" deleted by Frank Battaglia/R1/USEPA/US]



**BASF Cranston - Sediment Sample Collection in Pawtuxet River**

Lynch, Joanne to: Frank Battaglia

07/07/2011 04:57 PM

Cc: Joseph Guarnaccia, "McCarthy, Ryan" , "Bleiler, John"

1 attachment



Figure 1 Proposed Sediment Sample Locations.PDF

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Thank you for your attention to these activities and please do not hesitate to contact me if you have any questions.

Regards,  
Joanne Lynch

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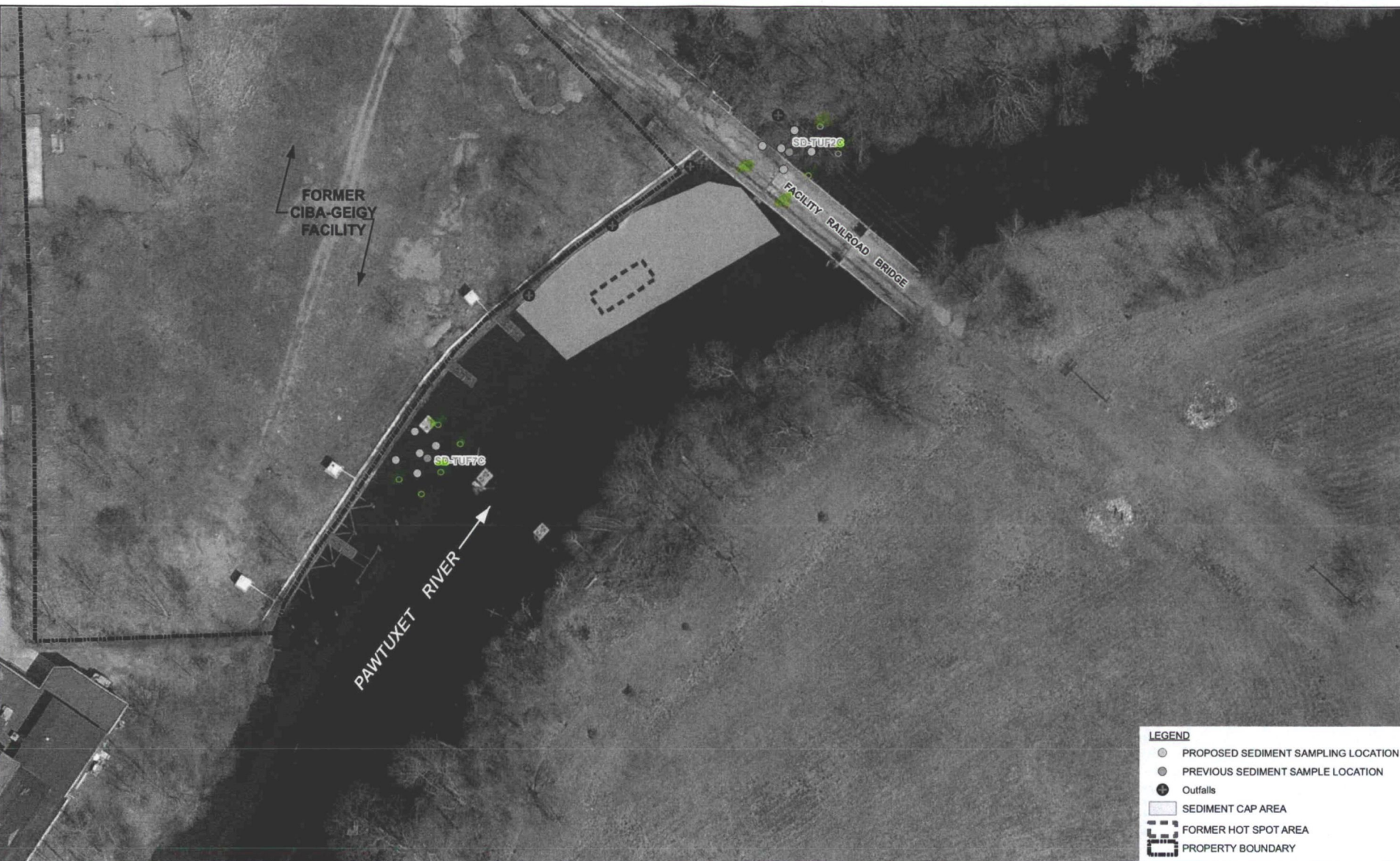
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J:\Ind\_Serv\Project Files\BASF-0760\Cranton Riv7 Deliverables\GIS Database\Projects\Figure 1 Proposed Sediment Sample Locations.mxd



AECOM

SOURCES:  
1. AERIAL PHOTOGRAPHY FROM RIGIS (2004)  
2. PROPERTY BOUNDARY FROM CITY OF CRANSTON, RHODE ISLAND ASSESSMENT MAP 4-5.  
3. RFI REPORT, PAWTUXET RIVER, WOODWARD-CLYDE, MARCH 1996

0 30 60 Feet



FORMER CIBA-GEIGY  
CRANSTON, RI  
60163799.2

DATE: 06/10/11

DRWN: JEB

PROPOSED SEDIMENT SAMPLE LOCATIONS

FIGURE 1